

DOCKET NO.: H-PPC-3161

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MONTENA) Examiner: LUEBKE, R.
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Serial No.: 09/621,975) Art Unit: 2833
)
Filed: 7/21/00)
)
For: CONNECTOR AND METHOD OF)
OPERATION)
)

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U.S. Patent and Trademark Office

APPENDIX H · DECLARATION UNDER 37 C.F.R. 1.608(a)

In relation to the above-identified patent application, declare as follows:

1. That I am a patent attorney representing Applicant of the above-identified patent application ("Montena Application").
2. That I am knowledgeable as to the procedural and substantive relationship between the Montena Application and the United States Patent Number 5, 997,350 to Burris ("Burris Patent").
3. That there is a basis upon which Applicant of the Montena Application is entitled to judgment, in an interference, relative to the patentee of the Burris Patent.

Date: 06/11/2002

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Serial No.: 09/621,975



US005997350A

United States Patent

[19]

[11] **Patent Number:** **5,997,350****Burris et al.**[45] **Date of Patent:** **Dec. 7, 1999**[54] **F-CONNECTOR WITH DEFORMABLE BODY AND COMPRESSION RING**

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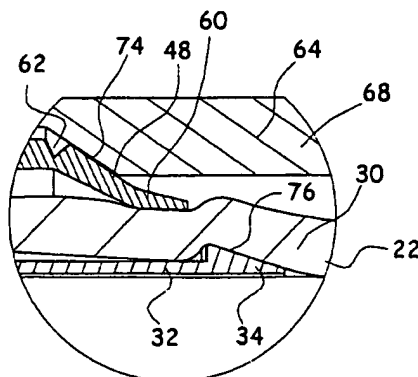
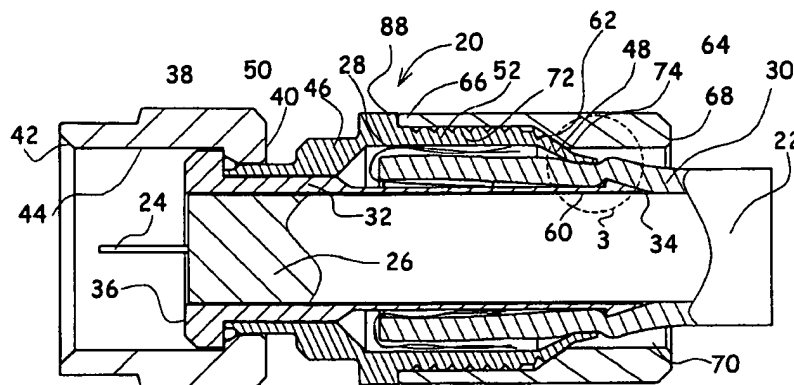
[75] **Inventors:** Donald A. Burris, Peoria; Herman P. Durst, Chandler, both of Ariz.**FOREIGN PATENT DOCUMENTS**

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[73] **Assignee:** Gilbert Engineering Co., Inc., Glendale, Ariz.*Primary Examiner*—Michael L. Gellner*Assistant Examiner*—Antoine Ngandjui*Attorney, Agent, or Firm*—Cahill, Sutton & Thomas, P.L.C.[21] **Appl. No.:** 09/093,274[57] **ABSTRACT**[22] **Filed:** Jun. 8, 1998[51] **Int. Cl.⁶** H01R 9/05[52] **U.S. Cl.** 439/585; 439/578[58] **Field of Search** 439/578, 585, 439/587, 589, 584, 583, 475[56] **References Cited****U.S. PATENT DOCUMENTS**

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A compression type coaxial cable F-connector includes a conventional coupling nut and tubular post. A cylindrical body member is secured to the tubular post and includes a sleeve for receiving the jacket of the coaxial cable. A circular relief in the sleeve allows the end of such sleeve to be deformed inwardly toward the cable jacket. A compression ring is mounted over the outer wall of the sleeve of the cylindrical body member and includes a tapered inner bore which forces the end of the sleeve inwardly against the cable jacket as the compression ring is advanced axially over the cylindrical body member. As the end of the sleeve is deformed inwardly, it extends just behind a circular barb formed about the tubular post to pinch the cable jacket therebetween. The compression ring can be manufactured as a separate component, or the compression ring can initially be integral with the sleeve of the cylindrical body member and attached thereto by a frangible connection.

7 Claims, 2 Drawing Sheets

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 1</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p>New Claim 2 in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>1. A connector [Fig. 2, ref. no. 20] for coupling the end of a coaxial cable [<i>id.</i>, 22] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 24] surrounded by a dielectric [<i>id.</i>, 26], the dielectric being surrounded by a conductive grounding sheath [<i>id.</i>, 28], and the conductive grounding sheath being surrounded by a protective outer jacket [<i>id.</i>, 30], said connector comprising in combination:</p>	<p>2. A connector [Fig. 1, ref. no. 10] for coupling the end of a coaxial cable [<i>id.</i>, 12] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 14] surrounded by a dielectric [<i>id.</i>, 20], the dielectric being surrounded by a conductive grounding sheath [<i>id.</i>, 16], and the conductive grounding sheath being surrounded by a protective outer jacket [<i>id.</i>, 22], said connector comprising in combination:</p>
<p>a. a tubular post [Fig. 2, ref. no. 32] having a first end [<i>id.</i>, 34] adapted to be inserted into an exposed end of the coaxial cable [<i>id.</i>, 22] around the dielectric [<i>id.</i>, 26] thereof and under the conductive grounding sheath [<i>id.</i>, 28] thereof, said tubular post having an opposing second end [<i>id.</i>, 36];</p>	<p>a. a tubular post [Fig. 1, ref. no. 26] having a first end [Fig. 2, no. 30] adapted to be inserted into an exposed end of the coaxial cable [Fig. 1, no. 12] around the dielectric [<i>id.</i>, 20] thereof and under the conductive grounding sheath [<i>id.</i>, 16] thereof, said tubular post having an opposing second end [Fig.2, no. 32];</p>
<p>b. a nut [Fig. 2, ref. no. 38] having a first end [<i>id.</i>, 40] for rotatably engaging the second end [<i>id.</i>, 36] of said tubular post [<i>id.</i>, 32] and having an opposing second end [<i>id.</i>, 42] with an internally threaded bore [<i>id.</i>, 44] for threadedly engaging a threaded port;</p>	<p>b. a nut [Fig. 1, ref. no. 44] having a first end [<i>id.</i>, 48] for rotatably engaging the second end [Fig. 2, no. 32] of said tubular post [Fig. 1, no. 26] and having an opposing second end with an internally threaded bore [<i>id.</i>, 46] for threadedly engaging a threaded port;</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 1</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 2</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>c. a cylindrical body member [Fig. 1, ref. no. 46] having a first end [<i>id.</i>, 48] and a second end [<i>id.</i>, 50], the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46] including a cylindrical sleeve [<i>id.</i>, 52] having an outer wall [<i>id.</i>, 54] of a first predetermined diameter and an inner wall [<i>id.</i>, 56], the inner wall bounding a first central bore [<i>id.</i>, 58] extending about said tubular post [<i>id.</i>, 32], the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] engaging said tubular post [<i>id.</i>, 32] proximate the second end [<i>id.</i>, 36] thereof, said cylindrical sleeve [<i>id.</i>, 52] having an open rear end portion [<i>id.</i>, 60] for receiving the outer jacket [Fig. 2, ref. no. 30] of the coaxial cable [<i>id.</i>, 22], said open rear end portion [<i>id.</i>, 60] being deformable; and</p>	<p>c. a cylindrical body member [Fig. 1, ref. no. 24] having a first end [<i>id.</i>, right end of no. 24] and a second end [<i>id.</i>, left end of no. 24], the first end of said cylindrical body member including a cylindrical sleeve [<i>id.</i>, right portion of no. 24] having an outer wall of a first predetermined diameter [Fig 3, diameter "d"] and an inner wall [Fig. 1, indicated at 40], the inner wall bounding a first central bore [<i>id.</i>, 36] extending about said tubular post [<i>id.</i>, 26], the second end [<i>id.</i>, left portion of no. 24] of said cylindrical body member engaging said tubular post [<i>id.</i>, 26] proximate the second end [Fig. 2, no. 32] thereof, said cylindrical sleeve [Fig. 1, right portion of no. 24] having an open rear end portion [<i>id.</i>, 38] for receiving the outer jacket [<i>id.</i>, 22] of the coaxial cable [<i>id.</i>, 12], said open rear end portion [<i>id.</i>, 38] being deformable;</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 1</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 2 in Preliminary Amendment</u> for Application to N. Montena. Reference characters added for clarity.</p>
<p>d. a compression ring [Fig. 1, ref. no. 64] having first and second opposing ends [<i>id.</i>, 66, 68] and having a central passageway [<i>id.</i>, 70] extending therethrough between the first and second ends [<i>id.</i>, 66, 68] thereof, the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] having a first internal bore [<i>id.</i>, 72] of a diameter commensurate with the first predetermined diameter of the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] for allowing the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] to extend over the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46], the central passageway [<i>id.</i>, 70] of said compression ring [<i>id.</i>, 64] including an inwardly tapered annular wall [<i>id.</i>, 74] leading from the first internal bore [<i>id.</i>, 72] and narrowing to a reduced diameter as compared with the first predetermined diameter;</p>	<p>d. a compression ring [Fig. 1, ref. no. 28] having first and second opposing ends [Fig. 4, ref. nos. 56, 58] and having a central passageway [<i>id.</i>, 60] extending therethrough between the first and second ends [<i>id.</i>, 56, 58] thereof, the first end [<i>id.</i>, 56] of said compression ring [<i>id.</i>, 28] having a first internal bore [<i>id.</i>, 62] of a diameter commensurate with the first predetermined diameter [Fig. 3, diameter "d"] of the outer wall of said cylindrical sleeve [<i>id.</i>, 24] for allowing the first end [Fig. 4, no. 56] of said compression ring [<i>id.</i>, 28] to extend over the first end [Fig. 1, right end of no. 24] of said cylindrical body member, the central passageway [Fig. 4, no. 60] of said compression ring [Fig. 1, no. 28] including an inwardly tapered annular wall [<i>id.</i>, 66] leading from the first internal bore [<i>id.</i>, 62] and narrowing to a reduced diameter [<i>id.</i>, 64] as compared with the first predetermined diameter [Fig. 3, "d"]; and</p>
<p>e. said inwardly tapered annular wall [Fig. 2, ref. no. 74] causing said rear end portion [<i>id.</i>, 60] of said cylindrical sleeve [<i>id.</i>, 52] to be deformed inwardly toward said tubular post [<i>id.</i>, 32] and against the jacket [<i>id.</i>, 30] of the coaxial cable [<i>id.</i>, 22] as said compression ring [<i>id.</i>, 64] is advanced axially over the cylindrical body member [<i>id.</i>, 46] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46].</p>	<p>e. said inwardly tapered annular wall [Fig. 4, ref. no. 66] causing said rear end portion [Fig. 1, no. 38] of said cylindrical sleeve [<i>id.</i>, 24] to be deformed inwardly toward said tubular post [<i>id.</i>, 26] and against the jacket [<i>id.</i>, 22] of the coaxial cable [<i>id.</i>, 12] as said compression ring [<i>id.</i>, 28] is advanced axially over the cylindrical body member [<i>id.</i>, 24] toward the second end [<i>id.</i>, left end of no. 24] of said cylindrical body member.</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 1</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 3</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>1. A connector [Fig. 2, ref. no. 20] for coupling the end of a coaxial cable [<i>id.</i>, 22] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 24] surrounded by a dielectric [<i>id.</i>, 26], the dielectric being surrounded by a conductive grounding sheath [<i>id.</i>, 28], and the conductive grounding sheath being surrounded by a protective outer jacket [<i>id.</i>, 30], said connector comprising in combination:</p>	<p>3. A connector [Fig. 1, ref. no. 10] for coupling the end of a coaxial cable [<i>id.</i>, 12] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 14] surrounded by an insulator core [<i>id.</i>, 20], the insulator core being surrounded by an outer braid conductor [<i>id.</i>, 16], and the outer braid conductor being surrounded by a protective sheathing jacket [<i>id.</i>, 22], said connector comprising in combination:</p>
<p>a. a tubular post [Fig. 2, ref. no. 32] having a first end [<i>id.</i>, 34] adapted to be inserted into an exposed end of the coaxial cable [<i>id.</i>, 22] around the dielectric [<i>id.</i>, 26] thereof and under the conductive grounding sheath [<i>id.</i>, 28] thereof, said tubular post having an opposing second end [<i>id.</i>, 36];</p>	<p>a. a tubular post member [Fig. 1, ref. no. 26] having a first opening [Fig. 2, no. 30] adapted to be inserted onto an exposed end of the coaxial cable [Fig. 1, no. 12] around the insulator core [<i>id.</i>, 20] thereof and under the outer braid conductor thereof [<i>id.</i>, 16], said tubular post member having an opposed second opening [Fig. 2, no. 32];</p>
<p>b. a nut [Fig. 2, ref. no. 38] having a first end [<i>id.</i>, 40] for rotatably engaging the second end [<i>id.</i>, 36] of said tubular post [<i>id.</i>, 32] and having an opposing second end [<i>id.</i>, 42] with an internally threaded bore [<i>id.</i>, 44] for threadedly engaging a threaded port;</p>	<p>b. a nut member [Fig. 1, ref. no. 44] having a first end [<i>id.</i>, 48] for rotatably engaging the second opening [Fig. 2, no. 32] of said tubular post member and having an opposing second end with an internally threaded bore [<i>id.</i>, 46] for threadedly engaging a threaded port;</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 1</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 3</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>c. a cylindrical body member [Fig. 1, ref. no. 46] having a first end [<i>id.</i>, 48] and a second end [<i>id.</i>, 50], the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46] including a cylindrical sleeve [<i>id.</i>, 52] having an outer wall [<i>id.</i>, 54] of a first predetermined diameter and an inner wall [<i>id.</i>, 56], the inner wall bounding a first central bore [<i>id.</i>, 58] extending about said tubular post [<i>id.</i>, 32], the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] engaging said tubular post [<i>id.</i>, 32] proximate the second end [<i>id.</i>, 36] thereof, said cylindrical sleeve [<i>id.</i>, 52] having an open rear end portion [<i>id.</i>, 60] for receiving the outer jacket [Fig. 2, ref. no. 30] of the coaxial cable [<i>id.</i>, 22], said open rear end portion [<i>id.</i>, 60] being deformable; and</p>	<p>c. a connector body [Fig. 1, ref. no. 24] having a first end [<i>id.</i>, right end of no. 24] and a second end [<i>id.</i>, left end of no. 24], the first end of said connector body including a cylindrical sleeve [Fig. 1, right portion of no. 24] having an outer wall of a first predetermined diameter [Fig. 3, diameter "d"] and an inner wall [Fig. 1, indicated at 40], the inner wall bounding a first outer cavity [<i>id.</i>, 36] extending about said post member [<i>id.</i>, 26], the second end [<i>id.</i>, left end of no. 24] of said connector body engaging said post member [<i>id.</i>, 26] proximate the second opening [Fig. 2, no. 32] thereof, said cylindrical sleeve [Fig. 1, right portion of no. 24] having an open end [<i>id.</i>, 38] for receiving the sheathing jacket [<i>id.</i>, 22] of the coaxial cable [<i>id.</i>, 12], said open end [<i>id.</i>, 38] being deformable;</p>

US Patent No. 5,997,350 to Burris et al. Claim 1 Annotated for clarity with reference characters shown in Figs. 1 & 2.	New Claim 3 in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.
<p>d. a compression ring [Fig. 1, ref. no. 64] having first and second opposing ends [<i>id.</i>, 66, 68] and having a central passageway [<i>id.</i>, 70] extending therethrough between the first and second ends [<i>id.</i>, 66, 68] thereof, the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] having a first internal bore [<i>id.</i>, 72] of a diameter commensurate with the first predetermined diameter of the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] for allowing the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] to extend over the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46], the central passageway [<i>id.</i>, 70] of said compression ring [<i>id.</i>, 64] including an inwardly tapered annular wall [<i>id.</i>, 74] leading from the first internal bore [<i>id.</i>, 72] and narrowing to a reduced diameter as compared with the first predetermined diameter;</p>	<p>d. a fastener member [Fig. 1, ref. no. 28] having first and second opposing openings [Fig. 4, nos. 56 and 58] and having a second cavity [<i>id.</i>, 60] extending therethrough between the first and second opposing openings [<i>id.</i>, 56 and 58] thereof, the first opening [<i>id.</i>, 56] of said fastener member [<i>id.</i>, 28] having a first inner bore [<i>id.</i>, 62] of a diameter commensurate with the first predetermined diameter [Fig. 3, "d"] of the outer wall of said connector body [<i>id.</i>, 24] for allowing the first opening [Fig. 4, no. 56] of said fastener member [<i>id.</i>, 28] to extend over the first end [Fig. 1, right end of no. 24] of said connector body [<i>id.</i>, 24], the second cavity [Fig. 4, no. 60] of said fastener member [<i>id.</i>, 28] including a ramped surface [<i>id.</i>, 66] leading from the first inner bore [<i>id.</i>, 62] and narrowing to a reduced diameter [<i>id.</i>, 64] as compared with the first predetermined diameter [Fig. 3, "d"]; and</p>
<p>e. said inwardly tapered annular wall [Fig. 2, ref. no. 74] causing said rear end portion [<i>id.</i>, 60] of said cylindrical sleeve [<i>id.</i>, 52] to be deformed inwardly toward said tubular post [<i>id.</i>, 32] and against the jacket [<i>id.</i>, 30] of the coaxial cable [<i>id.</i>, 22] as said compression ring [<i>id.</i>, 64] is advanced axially over the cylindrical body member [<i>id.</i>, 46] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46].</p>	<p>e. said ramped surface [Fig. 4, ref. no. 66] causing said open end [Fig. 1, no. 38] of said cylindrical sleeve [<i>id.</i>, right portion of no. 24] to be deformed inwardly toward said tubular post member [<i>id.</i>, 26] and against the jacket [<i>id.</i>, 22] of the coaxial cable [<i>id.</i>, 12] as said fastener member [<i>id.</i>, 28] is advanced axially over the connector body [<i>id.</i>, 24] toward the second end [<i>id.</i>, left end of no. 24] of said connector body.</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 3</u> Annotated for clarity with reference characters shown in Fig. 1.</p>	<p><u>New Claim 4 in Preliminary Amendment</u> for Application to N. Montena. Reference characters added for clarity.</p>
<p>3. The connector [Fig. 1, ref. no. 20] recited by claim 1 wherein said compression ring [<i>id.</i>, 64] is mounted over the first end [<i>id.</i>, 48] of said cylindrical body [<i>id.</i>, 46], but is not fully axially advanced, prior to installation over the end of a coaxial cable [<i>id.</i>, 22].</p>	<p>4. The connector [Fig. 1, ref. no. 10] recited by claim 2 wherein said compression ring [<i>id.</i>, 28] is mounted over the first end [<i>id.</i>, right end of no. 24] of said cylindrical body, but is not fully axially advanced, prior to installation over the end of a coaxial cable [<i>id.</i>, 12].</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 3</u> Annotated for clarity with reference characters shown in Fig. 1.</p>	<p><u>New Claim 5</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>3. The connector [Fig. 1, ref. no. 20] recited by claim 1 wherein said compression ring [<i>id.</i>, 64] is mounted over the first end [<i>id.</i>, 48] of said cylindrical body [<i>id.</i>, 46], but is not fully axially advanced, prior to installation over the end of a coaxial cable [<i>id.</i>, 22].</p>	<p>5. The connector [Fig. 1, ref. no. 10] recited by claim 2 wherein said fastener member [<i>id.</i>, 28] is mounted over the first end [<i>id.</i>, right end of no. 24] of said connector body, but is not fully axially advanced, prior to installation over the end of a coaxial cable [<i>id.</i>, 12; <i>see also</i> Specification at p. 10, first full paragraph: "In a pre-installed first configuration..."].</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 4</u> Annotated for clarity with reference characters shown in Fig. 5.</p>	<p><u>New Claim 6</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>4. The connector [Fig. 5, ref. no. 100] recited by claim 1 wherein said compression ring [<i>id.</i>, 64] is initially integral with the sleeve [<i>id.</i>, 52] of said cylindrical body member [<i>id.</i>, 46] and connected thereto by a frangible connection [<i>id.</i>, 102], and wherein axial advancement of said compression ring [<i>id.</i>, 64] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] breaks the frangible connection [<i>id.</i>, 102] between said compression ring [<i>id.</i>, 64] and said cylindrical body member [<i>id.</i>, 46].</p>	<p>6. The connector recited by claim 2 wherein said compression ring [Fig. 10, no. 128] is initially securely fastened to the sleeve [Fig. 9, right portion of no. 124] of said cylindrical body member and connected thereto by a releasable connection [connection between detent 148 of Fig. 9 and groove 150 of Fig. 10], and wherein axial advancement of said compression ring [<i>id.</i>, 128] toward the second end [Fig. 9, left end of no. 124] of said cylindrical body member separates the releasable connection between said compression ring and said cylindrical body member.</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 4</u> Annotated for clarity with reference characters shown in Fig. 5.</p>	<p><u>New Claim 7</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>4. The connector [Fig. 5, ref. no. 100] recited by claim 1 wherein said compression ring [<i>id.</i>, 64] is initially integral with the sleeve [<i>id.</i>, 52] of said cylindrical body member [<i>id.</i>, 46] and connected thereto by a frangible connection [<i>id.</i>, 102], and wherein axial advancement of said compression ring [<i>id.</i>, 64] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] breaks the frangible connection [<i>id.</i>, 102] between said compression ring [<i>id.</i>, 64] and said cylindrical body member [<i>id.</i>, 46].</p>	<p>7. The connector recited by claim 2 wherein said fastener member [Fig. 10, no. 128] is initially securely fastened to the sleeve [Fig. 9, right portion of no. 124] of said connector body and connected thereto by a releasable connection [detent 148 of Fig. 9 connects with groove 150 of Fig. 10], and wherein axial advancement of said fastener member [Fig. 10, no. 128] toward the second end [Fig. 9, left end of no. 124] of said connector body separates the releasable connection [connection between Fig. 9, detent 148 and Fig. 10, groove 150] between said fastener member and said connector body.</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 5</u> Annotated for clarity with reference characters shown in Fig. 2.</p>	<p><u>New Claim 8 in Preliminary Amendment</u> for Application to N. Montena. Reference characters added for clarity.</p>
<p>5. The connector [Fig. 2, ref. no. 20] recited by claim 1 wherein said cylindrical body member [<i>id.</i>, 46] includes an enlarged diameter shoulder [<i>id.</i>, 88] generally between the first and second ends [<i>id.</i>, 48, 50] thereof, said enlarged diameter shoulder [<i>id.</i>, 88] having a diameter larger than the first predetermined diameter of the outer wall [Fig. 1, no. 54] of said cylindrical sleeve [<i>id.</i>, 52], the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] engaging, and being stopped by, said enlarged diameter shoulder [<i>id.</i>, 88] when said compression ring [<i>id.</i>, 64] has been fully axially advanced over said cylindrical sleeve [<i>id.</i>, 52].</p>	<p>8. The connector [Fig. 5, ref. no. 10] recited by claim 2 wherein said cylindrical body member [<i>id.</i>, 24] includes an enlarged diameter shoulder [<i>id.</i>, 70] generally between the first and second ends [<i>id.</i>, right and left ends, respectively, of no. 24] thereof, said enlarged diameter shoulder [<i>id.</i>, 70] having a diameter larger than the first predetermined diameter [Fig. 3, "d"] of the outer wall of said cylindrical sleeve [<i>id.</i>, right portion of no. 24], the first end [Fig. 4, no. 56] of said compression ring [<i>id.</i>, 28] engaging, and being stopped by, said enlarged diameter shoulder [Fig. 5, no. 70] when said compression ring [<i>id.</i>, 28] has been fully axially advanced over said cylindrical sleeve [<i>id.</i>, right portion of no. 24].</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 5 Annotated for clarity with reference characters shown in Fig. 2.</p>	<p><u>New Claim 9</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>5. The connector [Fig. 2, ref. no. 20] recited by claim 1 wherein said cylindrical body member [<i>id.</i>, 46] includes an enlarged diameter shoulder [<i>id.</i>, 88] generally between the first and second ends [<i>id.</i>, 48, 50] thereof, said enlarged diameter shoulder [<i>id.</i>, 88] having a diameter larger than the first predetermined diameter of the outer wall [Fig. 1, no. 54] of said cylindrical sleeve [<i>id.</i>, 52], the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] engaging, and being stopped by, said enlarged diameter shoulder [<i>id.</i>, 88] when said compression ring [<i>id.</i>, 64] has been fully axially advanced over said cylindrical sleeve [<i>id.</i>, 52].</p>	<p>9. The connector [Fig. 5, ref. no. 10] recited by claim 2 wherein said connector body [<i>id.</i>, 24] includes a flange [<i>id.</i>, 70] generally between the first and second ends [<i>id.</i>, right and left ends, respectively, of no. 24] thereof, said flange [<i>id.</i>, 70] having a diameter larger than the first predetermined diameter [Fig. 3, "d"] of the outer wall of said cylindrical sleeve [<i>id.</i>, right portion of no. 24], the first end [Fig. 4, no. 56] of said fastener member [<i>id.</i>, 28] engaging, and being stopped by, said flange [Fig. 5, no. 70] when said fastener member [<i>id.</i>, 28] has been fully axially advanced over said cylindrical sleeve [<i>id.</i>, right portion of no. 24].</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 6 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 10</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>6. A connector [Fig. 2, ref. no. 20] for coupling the end of a coaxial cable [<i>id.</i>, 22] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 24] surrounded by a dielectric [<i>id.</i>, 26], the dielectric being surrounded by a conductive grounding sheath [<i>id.</i>, 28], and the conductive grounding sheath being surrounded by a protective outer jacket [<i>id.</i>, 30], said connector comprising in combination:</p>	<p>10. (Same as New Claim 2)</p>
<p>a. a tubular post [Fig. 2, ref. no. 32] having a first end [<i>id.</i>, 34] adapted to be inserted into an exposed end of the coaxial cable [<i>id.</i>, 22] around the dielectric [<i>id.</i>, 26] thereof and under the conductive grounding sheath [<i>id.</i>, 28] thereof, said tubular post having an opposing second end [<i>id.</i>, 36];</p>	<p>(Same as New Claim 2)</p>
<p>b. a nut [Fig. 2, ref. no. 38] having a first end [<i>id.</i>, 40] for rotatably engaging the second end [<i>id.</i>, 36] of said tubular post [<i>id.</i>, 32] and having an opposing second end [<i>id.</i>, 42] with an internally threaded bore [<i>id.</i>, 44] for threadedly engaging a threaded port;</p>	<p>(Same as New Claim 2)</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 6 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 10</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>c. a cylindrical body member [Fig. 1, ref. no. 46] having a first end [<i>id.</i>, 48] and a second end [<i>id.</i>, 50], the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46] including a cylindrical sleeve [<i>id.</i>, 52] having an outer wall [<i>id.</i>, 54] of a first predetermined diameter and an inner wall [<i>id.</i>, 56], the inner wall bounding a first central bore [<i>id.</i>, 58] extending about said tubular post [<i>id.</i>, 32], the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] engaging said tubular post [<i>id.</i>, 32] proximate the second end [<i>id.</i>, 36] thereof, said cylindrical sleeve [<i>id.</i>, 52] having an open rear end portion [<i>id.</i>, 60] for receiving the outer jacket [Fig. 2, ref. no. 30] of the coaxial cable [<i>id.</i>, 22], said open rear end portion [<i>id.</i>, 60] being deformable; and</p>	<p>(Same as New Claim 2)</p>
<p>d. a compression ring [Fig. 1, ref. no. 64] having first and second opposing ends [<i>id.</i>, 66, 68] and having a central passageway [<i>id.</i>, 70] extending therethrough between the first and second ends [<i>id.</i>, 66, 68] thereof, the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] having a first internal bore [<i>id.</i>, 72] of a diameter commensurate with the first predetermined diameter of the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] for allowing the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] to extend over the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46], the central passageway [<i>id.</i>, 70] of said compression ring [<i>id.</i>, 64] including an inwardly tapered annular wall [<i>id.</i>, 74] leading from the first internal bore [<i>id.</i>, 72] and narrowing to a reduced diameter as compared with the first predetermined diameter;</p>	<p>(Same as New Claim 2)</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 6</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 10</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>e. said inwardly tapered annular wall [Fig. 2, ref. no. 74] causing said rear end portion [<i>id.</i>, 60] of said cylindrical sleeve [<i>id.</i>, 52] to be deformed inwardly toward said tubular post [<i>id.</i>, 32] and against the jacket [<i>id.</i>, 30] of the coaxial cable [<i>id.</i>, 22] as said compression ring [<i>id.</i>, 64] is advanced axially over the cylindrical body member [<i>id.</i>, 46] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46]; and</p>	<p>(Same as New Claim 2)</p>
<p>f. wherein said cylindrical sleeve [Fig. 1, ref. no. 52] of said cylindrical body member [<i>id.</i>, 46] has a circular relief [<i>id.</i>, 62] formed therein to facilitate bending of said cylindrical sleeve [<i>id.</i>, 52] as said compression ring [<i>id.</i>, 64] is axially advanced thereover.</p>	<p>f. wherein said cylindrical sleeve [Fig. 9, right portion of no. 124] of said cylindrical body member has a circular relief [<i>id.</i>, 146] formed therein to facilitate bending of said cylindrical sleeve [<i>id.</i>, right portion of no. 124] as said compression ring [Fig. 10, no. 128] is axially advanced thereover.</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 6</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 11</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>6. A connector [Fig. 2, ref. no. 20] for coupling the end of a coaxial cable [<i>id.</i>, 22] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 24] surrounded by a dielectric [<i>id.</i>, 26], the dielectric being surrounded by a conductive grounding sheath [<i>id.</i>, 28], and the conductive grounding sheath being surrounded by a protective outer jacket [<i>id.</i>, 30], said connector comprising in combination:</p>	<p>11. (Same as New Claim 2)</p>
<p>a. a tubular post [Fig. 2, ref. no. 32] having a first end [<i>id.</i>, 34] adapted to be inserted into an exposed end of the coaxial cable [<i>id.</i>, 22] around the dielectric [<i>id.</i>, 26] thereof and under the conductive grounding sheath [<i>id.</i>, 28] thereof, said tubular post having an opposing second end [<i>id.</i>, 36];</p>	<p>(Same as New Claim 2)</p>
<p>b. a nut [Fig. 2, ref. no. 38] having a first end [<i>id.</i>, 40] for rotatably engaging the second end [<i>id.</i>, 36] of said tubular post [<i>id.</i>, 32] and having an opposing second end [<i>id.</i>, 42] with an internally threaded bore [<i>id.</i>, 44] for threadedly engaging a threaded port;</p>	<p>(Same as New Claim 2)</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 6 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 11</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>c. a cylindrical body member [Fig. 1, ref. no. 46] having a first end [<i>id.</i>, 48] and a second end [<i>id.</i>, 50], the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46] including a cylindrical sleeve [<i>id.</i>, 52] having an outer wall [<i>id.</i>, 54] of a first predetermined diameter and an inner wall [<i>id.</i>, 56], the inner wall bounding a first central bore [<i>id.</i>, 58] extending about said tubular post [<i>id.</i>, 32], the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] engaging said tubular post [<i>id.</i>, 32] proximate the second end [<i>id.</i>, 36] thereof, said cylindrical sleeve [<i>id.</i>, 52] having an open rear end portion [<i>id.</i>, 60] for receiving the outer jacket [Fig. 2, ref. no. 30] of the coaxial cable [<i>id.</i>, 22], said open rear end portion [<i>id.</i>, 60] being deformable; and</p>	<p>(Same as New Claim 2)</p>
<p>d. a compression ring [Fig. 1, ref. no. 64] having first and second opposing ends [<i>id.</i>, 66, 68] and having a central passageway [<i>id.</i>, 70] extending therethrough between the first and second ends [<i>id.</i>, 66, 68] thereof, the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] having a first internal bore [<i>id.</i>, 72] of a diameter commensurate with the first predetermined diameter of the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] for allowing the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] to extend over the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46], the central passageway [<i>id.</i>, 70] of said compression ring [<i>id.</i>, 64] including an inwardly tapered annular wall [<i>id.</i>, 74] leading from the first internal bore [<i>id.</i>, 72] and narrowing to a reduced diameter as compared with the first predetermined diameter;</p>	<p>(Same as New Claim 2)</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 6</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 11</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>e. said inwardly tapered annular wall [Fig. 2, ref. no. 74] causing said rear end portion [<i>id.</i>, 60] of said cylindrical sleeve [<i>id.</i>, 52] to be deformed inwardly toward said tubular post [<i>id.</i>, 32] and against the jacket [<i>id.</i>, 30] of the coaxial cable [<i>id.</i>, 22] as said compression ring [<i>id.</i>, 64] is advanced axially over the cylindrical body member [<i>id.</i>, 46] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46]; and</p>	<p>(Same as New Claim 2)</p>
<p>f. wherein said cylindrical sleeve [Fig. 1, ref. no. 52] of said cylindrical body member [<i>id.</i>, 46] has a circular relief [<i>id.</i>, 62] formed therein to facilitate bending of said cylindrical sleeve [<i>id.</i>, 52] as said compression ring [<i>id.</i>, 64] is axially advanced thereover.</p>	<p>f. wherein said cylindrical sleeve [Fig. 9, right portion of no. 124] of said cylindrical body member has a tapered section [<i>id.</i>, 145] formed therein to facilitate bending of said cylindrical sleeve [<i>id.</i>, right portion of no. 124] as said compression ring [Fig. 10, no. 128] is axially advanced thereover.</p>

<p>US Patent No. 5,997,350 to Burris et al. <u>Claim 6</u> Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 12</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>6. A connector [Fig. 2, ref. no. 20] for coupling the end of a coaxial cable [<i>id.</i>, 22] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 24] surrounded by a dielectric [<i>id.</i>, 26], the dielectric being surrounded by a conductive grounding sheath [<i>id.</i>, 28], and the conductive grounding sheath being surrounded by a protective outer jacket [<i>id.</i>, 30], said connector comprising in combination:</p>	<p>12. (Same as New Claim 3)</p>
<p>a. a tubular post [Fig. 2, ref. no. 32] having a first end [<i>id.</i>, 34] adapted to be inserted into an exposed end of the coaxial cable [<i>id.</i>, 22] around the dielectric [<i>id.</i>, 26] thereof and under the conductive grounding sheath [<i>id.</i>, 28] thereof, said tubular post having an opposing second end [<i>id.</i>, 36];</p>	<p>(Same as New Claim 3)</p>
<p>b. a nut [Fig. 2, ref. no. 38] having a first end [<i>id.</i>, 40] for rotatably engaging the second end [<i>id.</i>, 36] of said tubular post [<i>id.</i>, 32] and having an opposing second end [<i>id.</i>, 42] with an internally threaded bore [<i>id.</i>, 44] for threadedly engaging a threaded port;</p>	<p>(Same as New Claim 3)</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 6 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 12</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>c. a cylindrical body member [Fig. 1, ref. no. 46] having a first end [<i>id.</i>, 48] and a second end [<i>id.</i>, 50], the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46] including a cylindrical sleeve [<i>id.</i>, 52] having an outer wall [<i>id.</i>, 54] of a first predetermined diameter and an inner wall [<i>id.</i>, 56], the inner wall bounding a first central bore [<i>id.</i>, 58] extending about said tubular post [<i>id.</i>, 32], the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] engaging said tubular post [<i>id.</i>, 32] proximate the second end [<i>id.</i>, 36] thereof, said cylindrical sleeve [<i>id.</i>, 52] having an open rear end portion [<i>id.</i>, 60] for receiving the outer jacket [Fig. 2, ref. no. 30] of the coaxial cable [<i>id.</i>, 22], said open rear end portion [<i>id.</i>, 60] being deformable; and</p>	<p>(Same as New Claim 3)</p>
<p>d. a compression ring [Fig. 1, ref. no. 64] having first and second opposing ends [<i>id.</i>, 66, 68] and having a central passageway [<i>id.</i>, 70] extending therethrough between the first and second ends [<i>id.</i>, 66, 68] thereof, the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] having a first internal bore [<i>id.</i>, 72] of a diameter commensurate with the first predetermined diameter of the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] for allowing the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] to extend over the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46], the central passageway [<i>id.</i>, 70] of said compression ring [<i>id.</i>, 64] including an inwardly tapered annular wall [<i>id.</i>, 74] leading from the first internal bore [<i>id.</i>, 72] and narrowing to a reduced diameter as compared with the first predetermined diameter;</p>	<p>(Same as New Claim 3)</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 6 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 12</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>e. said inwardly tapered annular wall [Fig. 2, ref. no. 74] causing said rear end portion [<i>id.</i>, 60] of said cylindrical sleeve [<i>id.</i>, 52] to be deformed inwardly toward said tubular post [<i>id.</i>, 32] and against the jacket [<i>id.</i>, 30] of the coaxial cable [<i>id.</i>, 22] as said compression ring [<i>id.</i>, 64] is advanced axially over the cylindrical body member [<i>id.</i>, 46] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46]; and</p>	<p>(Same as New Claim 3)</p>
<p>f. wherein said cylindrical sleeve [Fig. 1, ref. no. 52] of said cylindrical body member [<i>id.</i>, 46] has a circular relief [<i>id.</i>, 62] formed therein to facilitate bending of said cylindrical sleeve [<i>id.</i>, 52] as said compression ring [<i>id.</i>, 64] is axially advanced thereover.</p>	<p>f. wherein said cylindrical sleeve [Fig. 9, right side of no. 124] of said connector body [<i>id.</i>, 124] has a corrugated surface portion [<i>id.</i>, 146] formed therein to facilitate radial movement of cylindrical sleeve [Fig. 9, right portion of no. 124] as said fastener member [Fig. 10, no. 128] is axially advanced thereover.</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 7 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 13</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>7. A connector [Fig. 2, ref. no. 20] for coupling the end of a coaxial cable [<i>id.</i>, 22] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 24] surrounded by a dielectric [<i>id.</i>, 26], the dielectric being surrounded by a conductive grounding sheath [<i>id.</i>, 28], and the conductive grounding sheath being surrounded by a protective outer jacket [<i>id.</i>, 30], said connector comprising in combination:</p>	<p>13. (Same as New Claim 2)</p>
<p>a. a tubular post [Fig. 2, ref. no. 32] having a first end [<i>id.</i>, 34] adapted to be inserted into an exposed end of the coaxial cable [<i>id.</i>, 22] around the dielectric [<i>id.</i>, 26] thereof and under the conductive grounding sheath [<i>id.</i>, 28] thereof, said tubular post having an opposing second end [<i>id.</i>, 36];</p>	<p>(Same as New Claim 2)</p>
<p>b. a nut [Fig. 2, ref. no. 38] having a first end [<i>id.</i>, 40] for rotatably engaging the second end [<i>id.</i>, 36] of said tubular post [<i>id.</i>, 32] and having an opposing second end [<i>id.</i>, 42] with an internally threaded bore [<i>id.</i>, 44] for threadedly engaging a threaded port;</p>	<p>(Same as New Claim 2)</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 7 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p>New Claim 13 in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>c. a cylindrical body member [Fig. 1, ref. no. 46] having a first end [<i>id.</i>, 48] and a second end [<i>id.</i>, 50], the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46] including a cylindrical sleeve [<i>id.</i>, 52] having an outer wall [<i>id.</i>, 54] of a first predetermined diameter and an inner wall [<i>id.</i>, 56], the inner wall bounding a first central bore [<i>id.</i>, 58] extending about said tubular post [<i>id.</i>, 32], the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] engaging said tubular post [<i>id.</i>, 32] proximate the second end [<i>id.</i>, 36] thereof, said cylindrical sleeve [<i>id.</i>, 52] having an open rear end portion [<i>id.</i>, 60] for receiving the outer jacket [Fig. 2, ref. no. 30] of the coaxial cable [<i>id.</i>, 22], said open rear end portion [<i>id.</i>, 60] being deformable; and</p>	<p>(Same as New Claim 2)</p>
<p>d. a compression ring [Fig. 1, ref. no. 64] having first and second opposing ends [<i>id.</i>, 66, 68] and having a central passageway [<i>id.</i>, 70] extending therethrough between the first and second ends [<i>id.</i>, 66, 68] thereof, the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] having a first internal bore [<i>id.</i>, 72] of a diameter commensurate with the first predetermined diameter of the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] for allowing the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] to extend over the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46], the central passageway [<i>id.</i>, 70] of said compression ring [<i>id.</i>, 64] including an inwardly tapered annular wall [<i>id.</i>, 74] leading from the first internal bore [<i>id.</i>, 72] and narrowing to a reduced diameter as compared with the first predetermined diameter;</p>	<p>(Same as New Claim 2)</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 7 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 13</u> in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>e. said inwardly tapered annular wall [Fig. 2, ref. no. 74] causing said rear end portion [<i>id.</i>, 60] of said cylindrical sleeve [<i>id.</i>, 52] to be deformed inwardly toward said tubular post [<i>id.</i>, 32] and against the jacket [<i>id.</i>, 30] of the coaxial cable [<i>id.</i>, 22] as said compression ring [<i>id.</i>, 64] is advanced axially over the cylindrical body member [<i>id.</i>, 46] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46]; and</p>	<p>(Same as New Claim 2)</p>
<p>f. wherein a series of grooves [Fig. 1, ref. no. 90] are formed in the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] to reduce drag as the compression ring [<i>id.</i>, 64] is axially advanced over said cylindrical sleeve [<i>id.</i>, 52].</p>	<p>f. wherein a series of grooves [Fig. 9, ref. no. 146] are formed in the outer wall of said cylindrical sleeve [<i>id.</i>, 124] to reduce drag as the compression ring [Fig. 10, no. 128] is axially advanced over said cylindrical sleeve [Fig. 9, no. 124].</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 7 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p>New Claim 14 in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>7. A connector [Fig. 2, ref. no. 20] for coupling the end of a coaxial cable [<i>id.</i>, 22] to a threaded port, the coaxial cable having a center conductor [<i>id.</i>, 24] surrounded by a dielectric [<i>id.</i>, 26], the dielectric being surrounded by a conductive grounding sheath [<i>id.</i>, 28], and the conductive grounding sheath being surrounded by a protective outer jacket [<i>id.</i>, 30], said connector comprising in combination:</p>	<p>14. (Same as New Claim 3)</p>
<p>a. a tubular post [Fig. 2, ref. no. 32] having a first end [<i>id.</i>, 34] adapted to be inserted into an exposed end of the coaxial cable [<i>id.</i>, 22] around the dielectric [<i>id.</i>, 26] thereof and under the conductive grounding sheath [<i>id.</i>, 28] thereof, said tubular post having an opposing second end [<i>id.</i>, 36];</p>	<p>(Same as New Claim 3)</p>
<p>b. a nut [Fig. 2, ref. no. 38] having a first end [<i>id.</i>, 40] for rotatably engaging the second end [<i>id.</i>, 36] of said tubular post [<i>id.</i>, 32] and having an opposing second end [<i>id.</i>, 42] with an internally threaded bore [<i>id.</i>, 44] for threadedly engaging a threaded port;</p>	<p>(Same as New Claim 3)</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 7 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p>New Claim 14 in Preliminary Amendment for Application to N. Montena. Reference characters added for clarity.</p>
<p>c. a cylindrical body member [Fig. 1, ref. no. 46] having a first end [<i>id.</i>, 48] and a second end [<i>id.</i>, 50], the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46] including a cylindrical sleeve [<i>id.</i>, 52] having an outer wall [<i>id.</i>, 54] of a first predetermined diameter and an inner wall [<i>id.</i>, 56], the inner wall bounding a first central bore [<i>id.</i>, 58] extending about said tubular post [<i>id.</i>, 32], the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46] engaging said tubular post [<i>id.</i>, 32] proximate the second end [<i>id.</i>, 36] thereof, said cylindrical sleeve [<i>id.</i>, 52] having an open rear end portion [<i>id.</i>, 60] for receiving the outer jacket [Fig. 2, ref. no. 30] of the coaxial cable [<i>id.</i>, 22], said open rear end portion [<i>id.</i>, 60] being deformable; and</p>	<p>(Same as New Claim 3)</p>
<p>d. a compression ring [Fig. 1, ref. no. 64] having first and second opposing ends [<i>id.</i>, 66, 68] and having a central passageway [<i>id.</i>, 70] extending therethrough between the first and second ends [<i>id.</i>, 66, 68] thereof, the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] having a first internal bore [<i>id.</i>, 72] of a diameter commensurate with the first predetermined diameter of the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] for allowing the first end [<i>id.</i>, 66] of said compression ring [<i>id.</i>, 64] to extend over the first end [<i>id.</i>, 48] of said cylindrical body member [<i>id.</i>, 46], the central passageway [<i>id.</i>, 70] of said compression ring [<i>id.</i>, 64] including an inwardly tapered annular wall [<i>id.</i>, 74] leading from the first internal bore [<i>id.</i>, 72] and narrowing to a reduced diameter as compared with the first predetermined diameter;</p>	<p>(Same as New Claim 3)</p>

<p>US Patent No. 5,997,350 to Burris et al. Claim 7 Annotated for clarity with reference characters shown in Figs. 1 & 2.</p>	<p><u>New Claim 14 in Preliminary Amendment for Application to N. Montena.</u> Reference characters added for clarity.</p>
<p>e. said inwardly tapered annular wall [Fig. 2, ref. no. 74] causing said rear end portion [<i>id.</i>, 60] of said cylindrical sleeve [<i>id.</i>, 52] to be deformed inwardly toward said tubular post [<i>id.</i>, 32] and against the jacket [<i>id.</i>, 30] of the coaxial cable [<i>id.</i>, 22] as said compression ring [<i>id.</i>, 64] is advanced axially over the cylindrical body member [<i>id.</i>, 46] toward the second end [<i>id.</i>, 50] of said cylindrical body member [<i>id.</i>, 46]; and</p>	<p>(Same as New Claim 3)</p>
<p>f. wherein a series of grooves [Fig. 1, ref. no. 90] are formed in the outer wall [<i>id.</i>, 54] of said cylindrical sleeve [<i>id.</i>, 52] to reduce drag as the compression ring [<i>id.</i>, 64] is axially advanced over said cylindrical sleeve [<i>id.</i>, 52].</p>	<p>f. wherein a corrugated surface portion [Fig. 9, no. 146] is formed in the outer wall of said connector body [<i>id.</i>, 124] to reduce driving force as the fastener member [Fig. 10, no. 128] is axially advanced along said connector body [Fig. 9, no. 124].</p>